

**DUAL PLATFORM COMMUNICATION CONTROLLER,
METHOD OF CONTROLLING A DUAL PLATFORM COMMUNICATION AND
WIRELESS COMMUNICATION SYSTEM EMPLOYING THE SAME**

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a dual platform communication controller for use with a wireless communication system. In one embodiment, the dual platform communication controller includes a signal interpreter coupled to the wireless communication system and configured to recognize a first signal packet based on a first communication standard and a second signal packet based on a second communication standard. The dual platform communication controller also includes a traffic manager coupled to the signal interpreter and configured to provide a deterministic time-sharing between the first and second signal packets within the wireless communication system.